

Glossopetalon pungens Brandegees (1899) *var. pungens* ROUGH DWARF GREASEBUSH

FAMILY: *Crossosomataceae*, the crossosoma family.

SYNONYMS: *Forsellesia pungens* var. *pungens*

STATUS:

Heritage Program SENSITIVE LIST, ranks: G2G3 T2Q S2

USFWS/ESA: none. **STATE OF NEVADA:** none. **BLM:** Special Status Species. **USFS:** none. **NNNPS:** watch list.

POPULATION CENSUS: 7 occurrences mapped at 1.0 km (0.6 mi) separation, OR 8 occurrences mapped at 0.16 km (0.1 mi) separation; total estimated individuals 211+, total estimated area unknown. **TREND:** unknown.

IMPACTS AND MAJOR THREATS: No summary available (see references).

INVENTORY EFFORT: Not yet systematically surveyed. Most recent entered survey 1983, average year of last survey 1977. **Years since last entered survey** (percent of mapped records at various survey ages): **11-20 yrs:** 12.5%; **21-30 yrs:** 75%; **31-50 yrs:** 12.5%.

LAND MANAGEMENT in decreasing predominance: U. S. Fish and Wildlife Service, Humboldt-Toiyabe National Forest, U. S. Bureau of Land Management, U. S. Department of Defense (?).

RANGE: Clark and Nye counties, Nevada. Apparently endemic to the Spring and Sheep ranges. Maximum **range dimension 7.0 km (4.3 mi)** excluding most disjunct record. **Type specimen** collected in Clark County.

ELEVATIONS RECORDED: 4400-7800 feet (1341-2377 meters).

HABITAT: Crevices of carbonate cliffs and outcrops, generally avoiding southerly exposures, mainly in the lower pinyon-juniper and montane conifer zones.

PHENOLOGY: flowering spring to early-summer, In bloom from mid-April to early-July. Range of most frequent **survey months:** April-July.

LIFE-FORM AND HABIT: dwarf subshrub.

DESCRIPTION: Apparently distinguished from var. *glabrum* only by the presence of hairs.

PHOTOGRAPHS: none known.

ILLUSTRATIONS: none known.

OTHER GENERAL REFERENCES (listed separately): Ackerman (1981).

SPECIFIC REFERENCES:

Brandegee, T. S. 1899. New species of western plants. *Botanical Gazette* 27: 444-457.

OF FURTHER INTEREST: The varieties of *Glossopetalon pungens* were not recognized in the Jepson Manual (Hickman 1993). The known occurrences still exhibit substantial geographic segregation, however, with only a few mixed occurrences known. The varieties are therefore maintained provisionally as distinct by the Nevada Natural Heritage Program pending further study.
